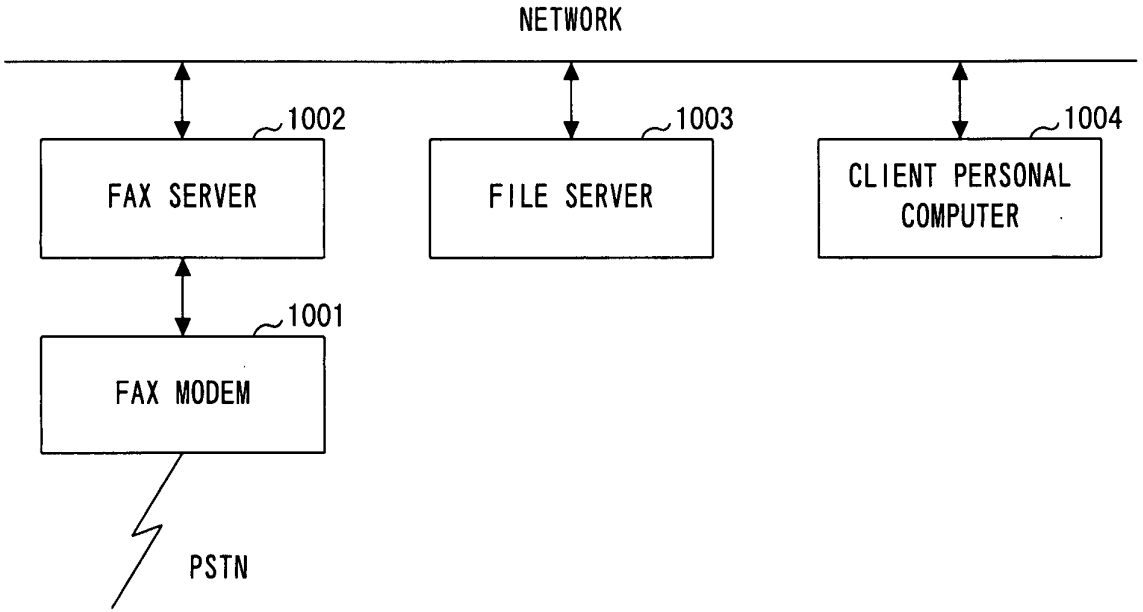
6602SO "0SCHTE60



PRIOR ART

FIG. 1

6602SO 05ATED

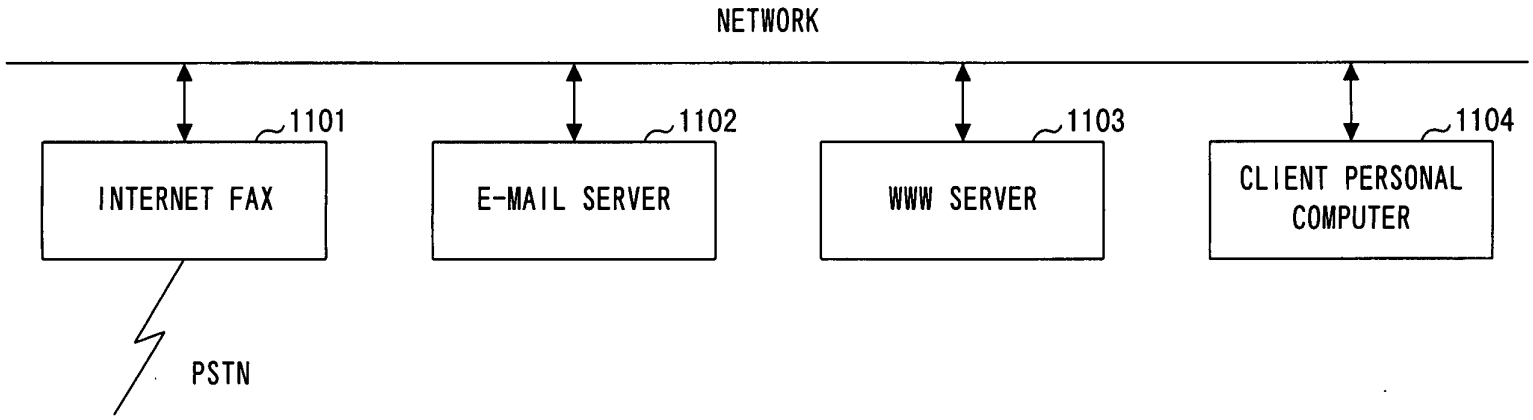


FIG. 2

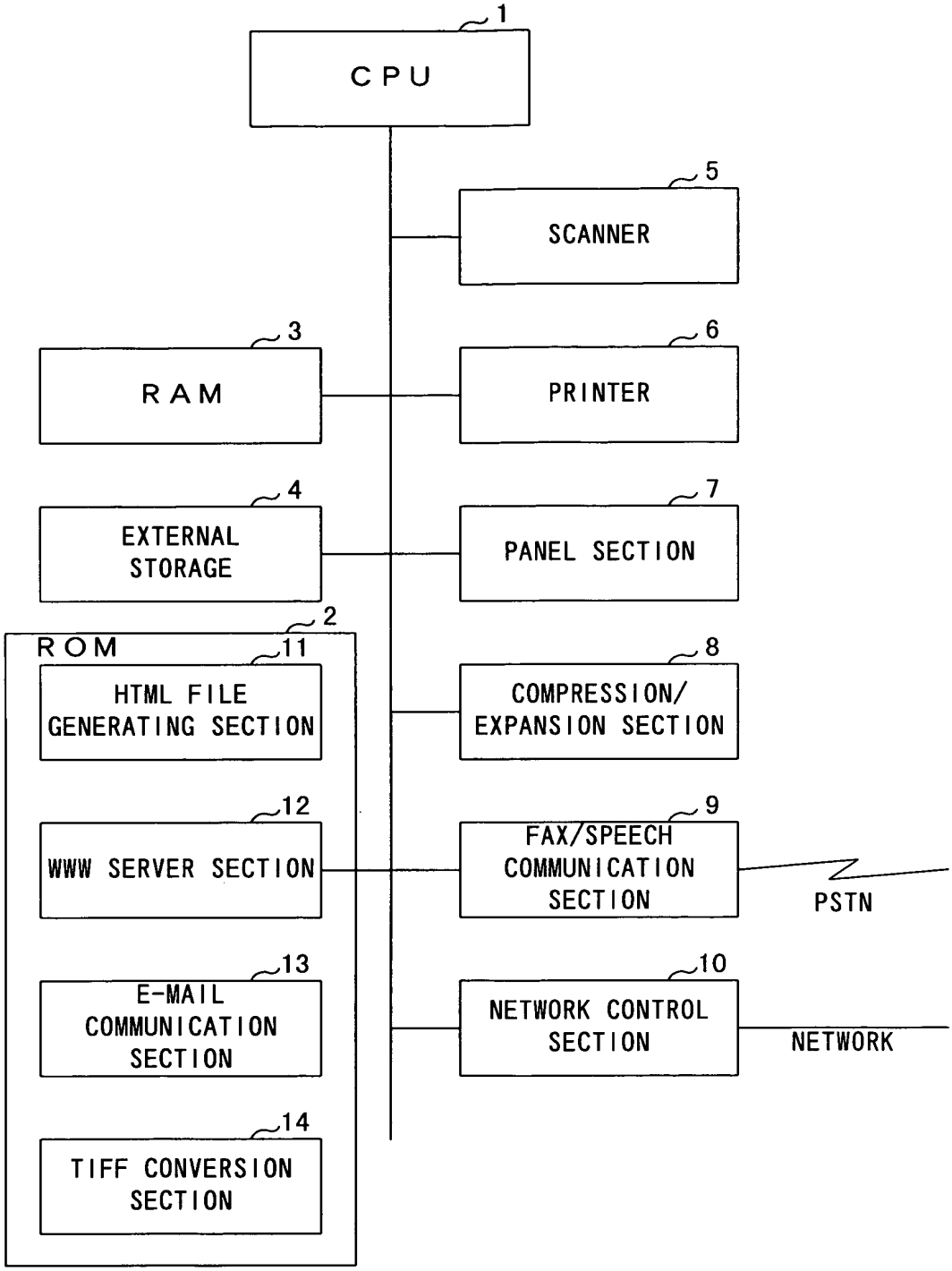

1
CPU
5
SCANNER
3
RAM
6
PRINTER
4
EXTERNAL STORAGE
7
PANEL SECTION
2
ROM
11
HTML FILE GENERATING SECTION
8
COMPRESSION/ EXPANSION SECTION
12
WWW SERVER SECTION
9
FAX/SPEECH COMMUNICATION SECTION
PSTN
13
E-MAIL COMMUNICATION SECTION
10
NETWORK CONTROL SECTION
NETWORK
14
TIFF CONVERSION SECTION

FIG. 3

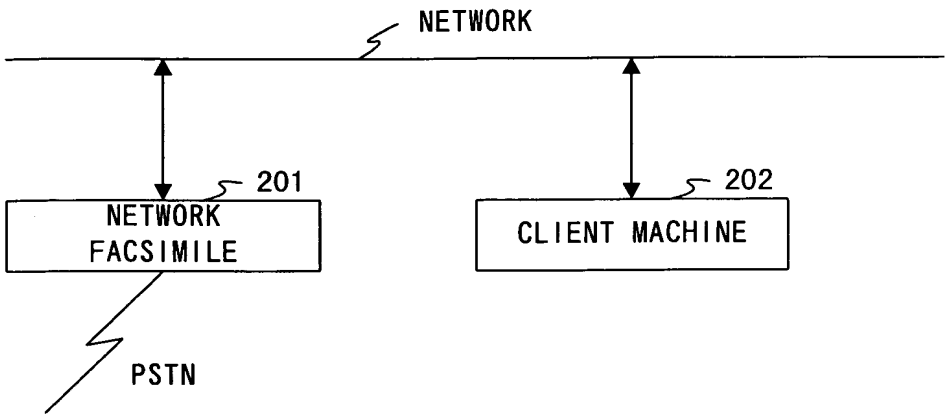


FIG. 4

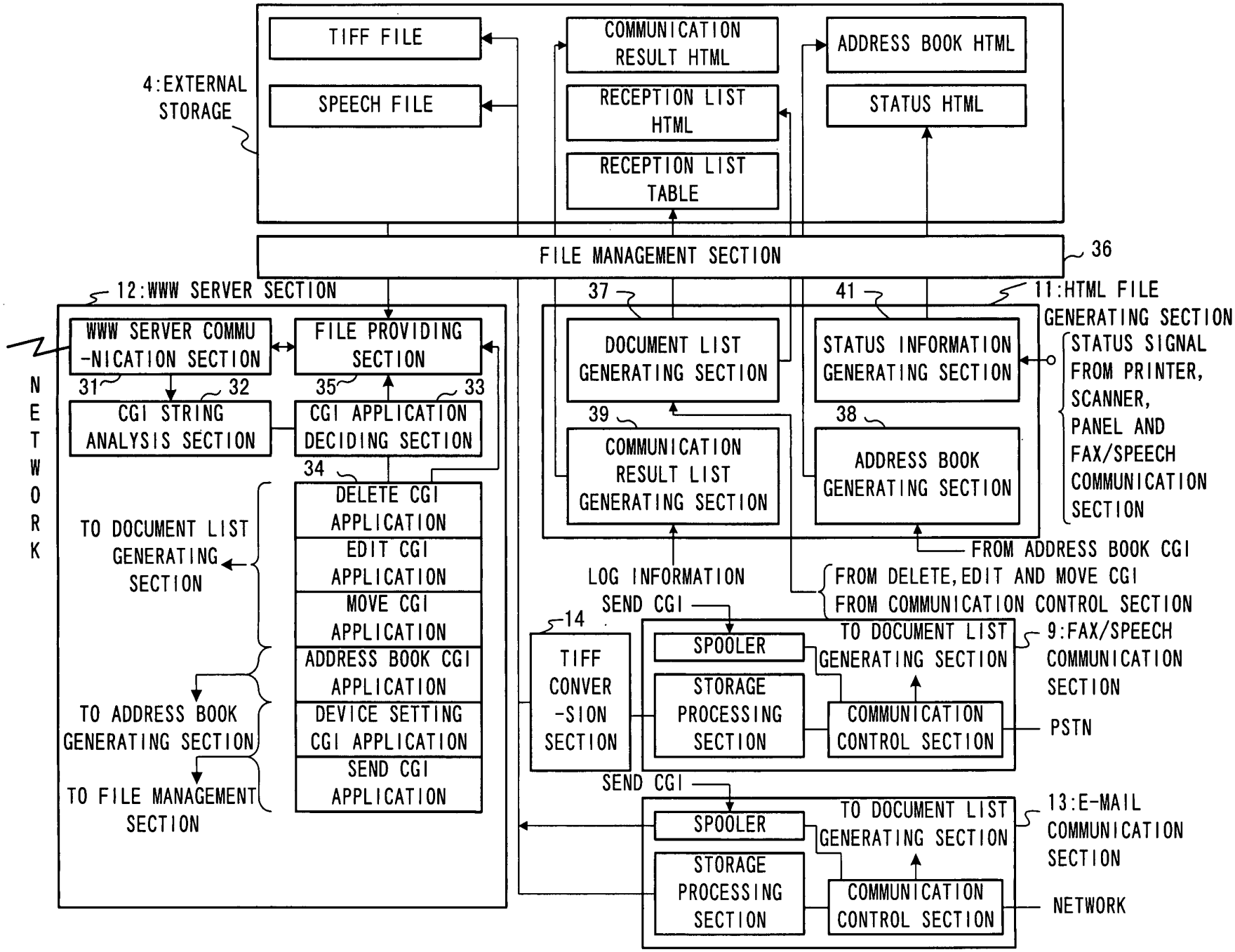

4:EXTERNAL STORAGE
TIFF FILE
SPEECH FILE
COMMUNICATION RESULT HTML
RECEPTION LIST HTML
RECEPTION LIST TABLE
ADDRESS BOOK HTML
STATUS HTML
FILE MANAGEMENT SECTION
36
12:WWW SERVER SECTION
WWW SERVER COMMU-NICATION SECTION
FILE PROVIDING SECTION
31
32
35
33
CGI STRING ANALYSIS SECTION
CGI APPLICATION DECIDING SECTION
34
DELETE CGI APPLICATION
EDIT CGI APPLICATION
MOVE CGI APPLICATION
ADDRESS BOOK CGI APPLICATION
DEVICE SETTING CGI APPLICATION
SEND CGI APPLICATION
TO DOCUMENT LIST GENERATING SECTION
TO ADDRESS BOOK GENERATING SECTION
TO FILE MANAGEMENT SECTION
NETWORK
37
41
11:HTML FILE GENERATING SECTION
DOCUMENT LIST GENERATING SECTION
STATUS INFORMATION GENERATING SECTION
STATUS SIGNAL FROM PRINTER, SCANNER, PANEL AND FAX/SPEECH COMMUNICATION SECTION
39
38
COMMUNICATION RESULT LIST GENERATING SECTION
ADDRESS BOOK GENERATING SECTION
FROM ADDRESS BOOK CGI
LOG INFORMATION SEND CGI
FROM DELETE, EDIT AND MOVE CGI
FROM COMMUNICATION CONTROL SECTION
14
TIFF CONVER-SION SECTION
SPOOLER
STORAGE PROCESSING SECTION
COMMUNICATION CONTROL SECTION
TO DOCUMENT LIST GENERATING SECTION
9:FAX/SPEECH COMMUNICATION SECTION
PSTN
SEND CGI
SPOOLER
STORAGE PROCESSING SECTION
COMMUNICATION CONTROL SECTION
TO DOCUMENT LIST GENERATING SECTION
13:E-MAIL COMMUNICATION SECTION
NETWORK

FIG. 5

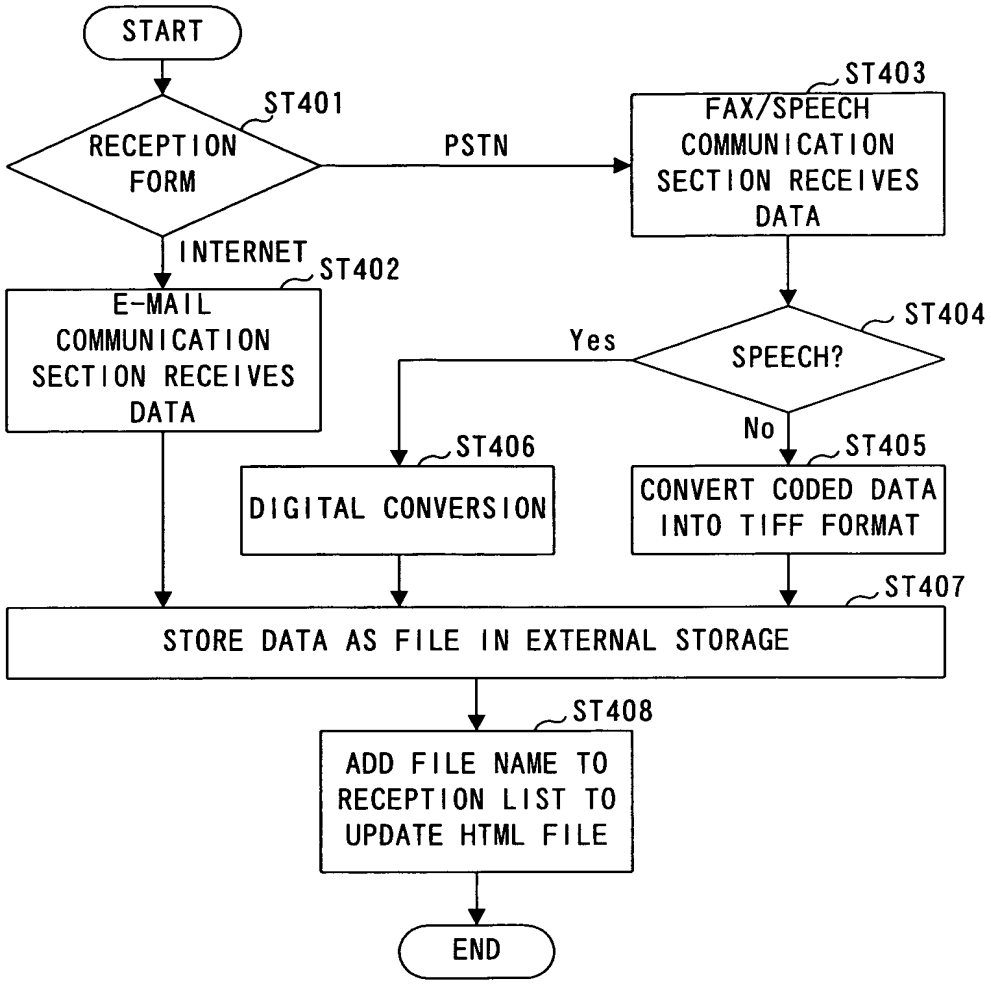

START
ST401
RECEPTION FORM
PSTN
ST403
FAX/SPEECH COMMUNICATION SECTION RECEIVES DATA
INTERNET
ST402
E-MAIL COMMUNICATION SECTION RECEIVES DATA
ST404
SPEECH?
Yes
No
ST406
DIGITAL CONVERSION
ST405
CONVERT CODED DATA INTO TIFF FORMAT
ST407
STORE DATA AS FILE IN EXTERNAL STORAGE
ST408
ADD FILE NAME TO RECEPTION LIST TO UPDATE HTML FILE
END

FIG. 6

660250 096nT60

DOCUMENT NUMBER	DOCUMENT FILE NAME	REGISTERED DATE	SENDER	TITLE
0001	fax0001.tif	1998.08.03 14:45:31	03-1234-5678	G3FAX RECEIVED DOCUMENT
0002	mail0001.tif	1998.08.05 11:30:15	ifax@abc.co.jp	MAP
0003	audio0001.wav	1998.08.13 19:15:20	03-7789-1122	TELEPHONE SPEECH

FIG. 7

```
<HTML>
<HEAD>
<TITLE>NETWORK RECEIVED DOCUMENT</TITLE>
</HEAD>
<BODY BGCOLOR="#ffffff" onLoad="focus()">
<FORM NAME="MyForm">
<INPUT TYPE="hidden" NAME="mbox" VALUE="ifax">

<Table Border="1" CellPadding="2">
<Tr><Th>SELECT</Th><Th>DOCUMENT NUMBER</Th><Th NOWRAP>
REGISTERED DATE </Th><Th> SENDER </Th><Th> TITLE </Th></Tr>
<!-- No.000300F3 -->   ←DOCUMENT NUMBER HEX
<Tr><Td><INPUT TYPE="checkbox" VALUE="00243"></Td>
<Td><A HREF="tiff/nim00243.tif">00243</A></td>
<Td>1998.10.07 20:45:53</Td>
<Td>ifax@tora.rdmg.mgcs.mei.co.jp</Td>
<Td>IMAGE from Internet FAX</Td></Tr>                    RECEPTION LIST FIRST LINE
<!-- No.000300F0 -->
<Tr><Td><INPUT TYPE="checkbox" VALUE="00240"></Td>
<Td><A HREF="tiff/nim00240.tif">00240</A></td>→DOCUMENT
<Td>1998.10.07 20:14:53</Td>→DATE                NUMBER
<Td>ifax@eos5.rdmg.mgcs.mei.co.jp</Td>→SENDER
<Td>IMAGE from Internet FAX</Td></Tr>→TITLE           RECEPTION LIST SECOND LINE
<!-- No.000300ED -->
<Tr><Td><INPUT TYPE="checkbox" VALUE="00237"></Td>
<Td><A HREF="tiff/nim00237.tif">00237</A></td>
<Td>1998.10.07 20:08:51</Td>
<Td>ifax@eos5.rdmg.mgcs.mei.co.jp</Td>
<Td>IMAGE from Internet FAX</Td></Tr>                    RECEPTION LIST THIRD LINE
<!-- No.000300EA -->
<Tr><Td><INPUT TYPE="checkbox" VALUE="00234"></Td>
<Td><A HREF="tiff/nim00234.tif">00234</A></td>
<Td>1998.10.07 18:00:04</Td>
<Td>ifax@usagi.rdmg.mgcs.mei.co.jp</Td>
<Td>IMAGE from Internet FAX</Td></Tr>                    RECEPTION LIST FOURTH LINE
<!-- No.000300E9 -->
<Tr><Td><INPUT TYPE="checkbox" VALUE="00233"></Td>
<Td><A HREF="tiff/nim00233.tif">00233</A></td>
<Td>1998.10.07 17:55:35</Td>
<Td>ifax@usagi.rdmg.mgcs.mei.co.jp</Td>
<Td>IMAGE from Internet FAX</Td></Tr>                    RECEPTION LIST FIFTH LINE
<!-- No.00000000 -->   ←INDICATE DATA END
</Table></UL>
</FORM>
</BODY>
</HTML>
```

FIG. 8

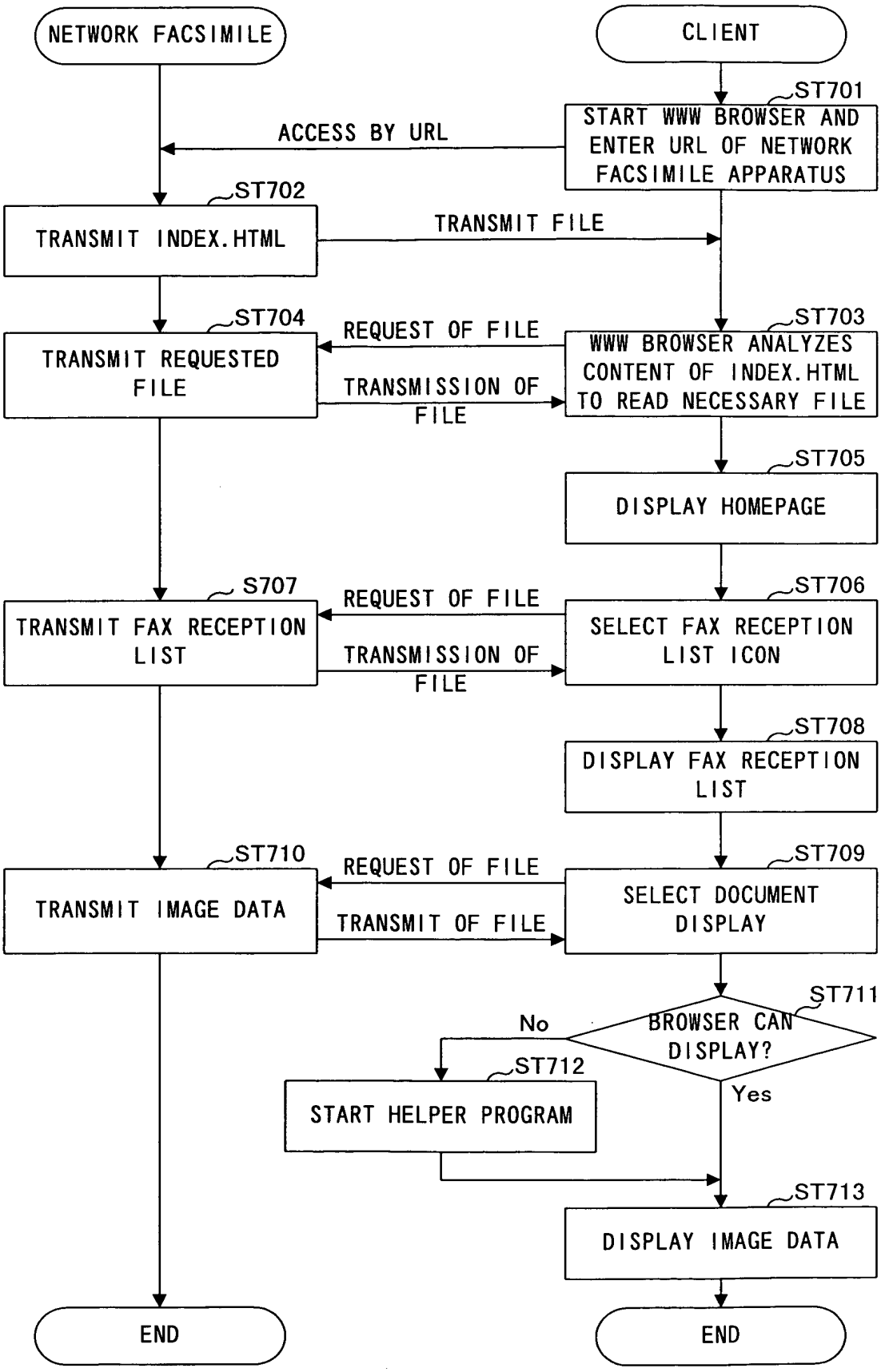

NETWORK FACSIMILE
CLIENT
ST701
START WWW BROWSER AND ENTER URL OF NETWORK FACSIMILE APPARATUS
ACCESS BY URL
ST702
TRANSMIT INDEX.HTML
TRANSMIT FILE
ST704
TRANSMIT REQUESTED FILE
REQUEST OF FILE
TRANSMISSION OF FILE
ST703
WWW BROWSER ANALYZES CONTENT OF INDEX.HTML TO READ NECESSARY FILE
ST705
DISPLAY HOMEPAGE
S707
TRANSMIT FAX RECEPTION LIST
REQUEST OF FILE
TRANSMISSION OF FILE
ST706
SELECT FAX RECEPTION LIST ICON
ST708
DISPLAY FAX RECEPTION LIST
ST710
TRANSMIT IMAGE DATA
REQUEST OF FILE
TRANSMIT OF FILE
ST709
SELECT DOCUMENT DISPLAY
ST711
BROWSER CAN DISPLAY?
No
Yes
ST712
START HELPER PROGRAM
ST713
DISPLAY IMAGE DATA
END
END

FIG. 9

HTML FILE RELATION TABLE

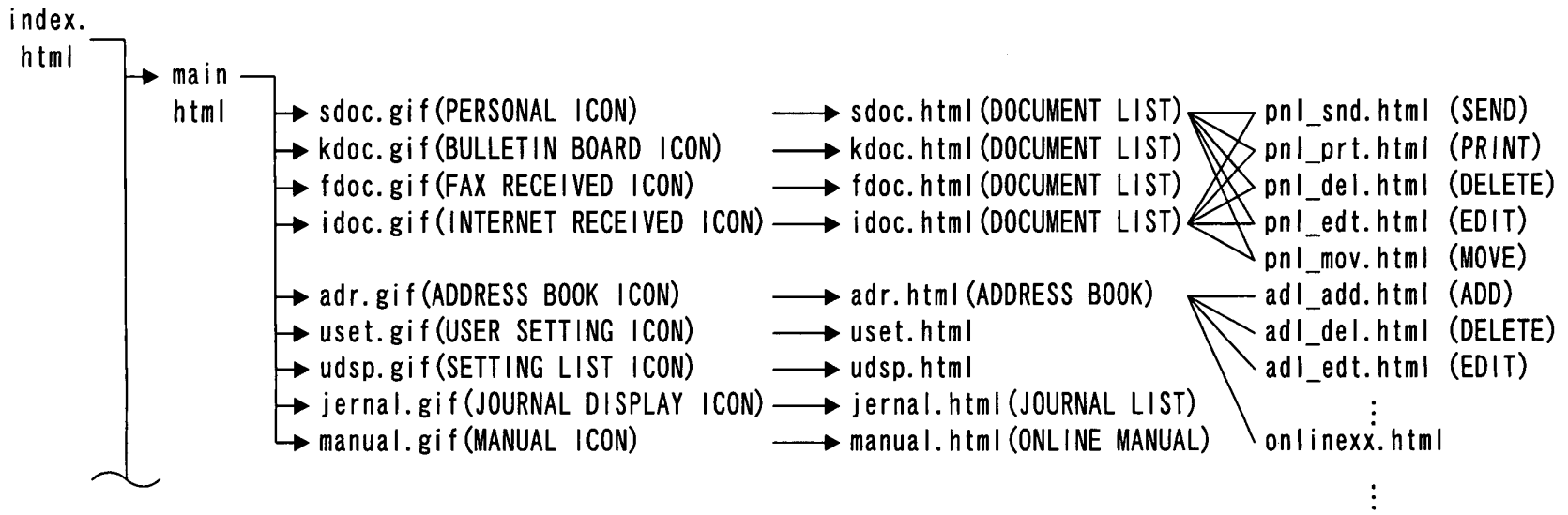


FIG. 10

HOMEPAGE MAIN PAGE

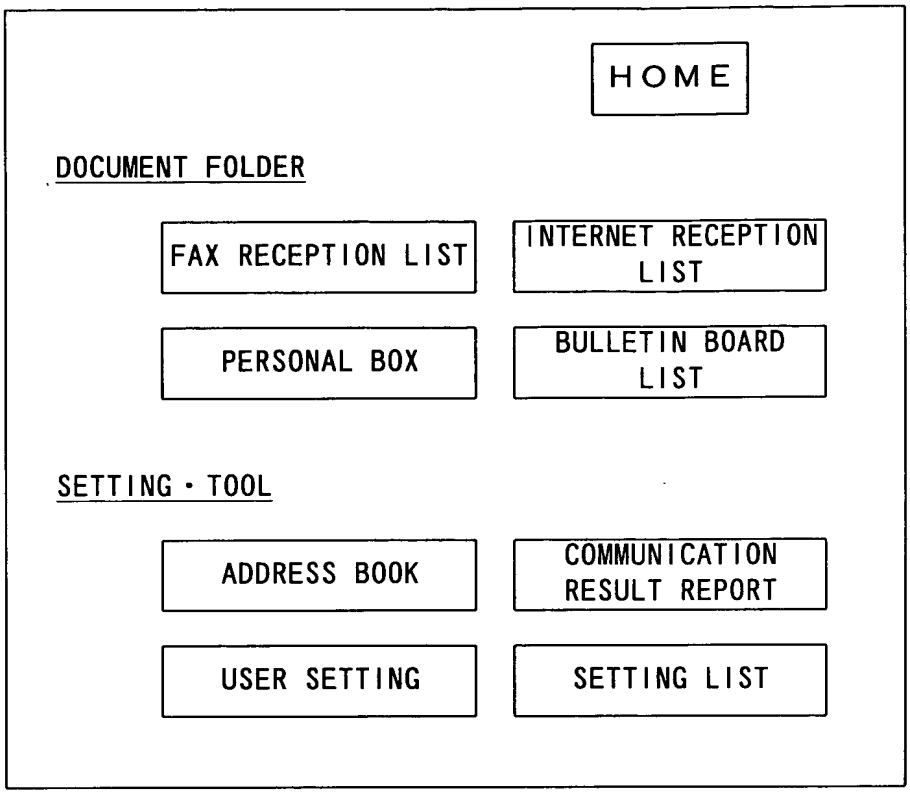


FIG. 11

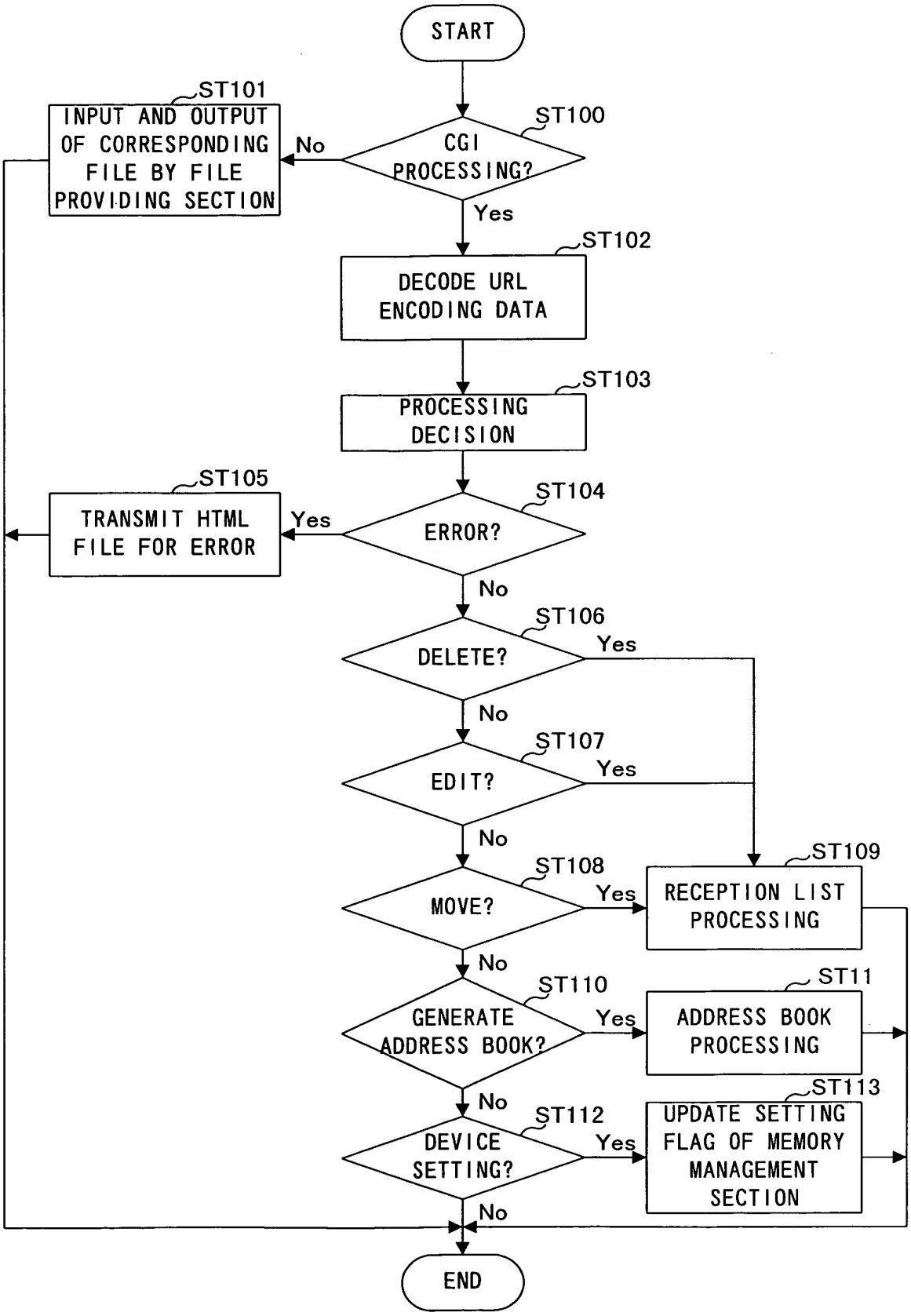

START
ST100
CGI PROCESSING?
No
ST101
INPUT AND OUTPUT OF CORRESPONDING FILE BY FILE PROVIDING SECTION
Yes
ST102
DECODE URL ENCODING DATA
ST103
PROCESSING DECISION
ST104
ERROR?
Yes
ST105
TRANSMIT HTML FILE FOR ERROR
No
ST106
DELETE?
Yes
No
ST107
EDIT?
Yes
No
ST108
MOVE?
Yes
ST109
RECEPTION LIST PROCESSING
No
ST110
GENERATE ADDRESS BOOK?
Yes
ST11
ADDRESS BOOK PROCESSING
No
ST112
DEVICE SETTING?
Yes
ST113
UPDATE SETTING FLAG OF MEMORY MANAGEMENT SECTION
No
END

FIG. 12

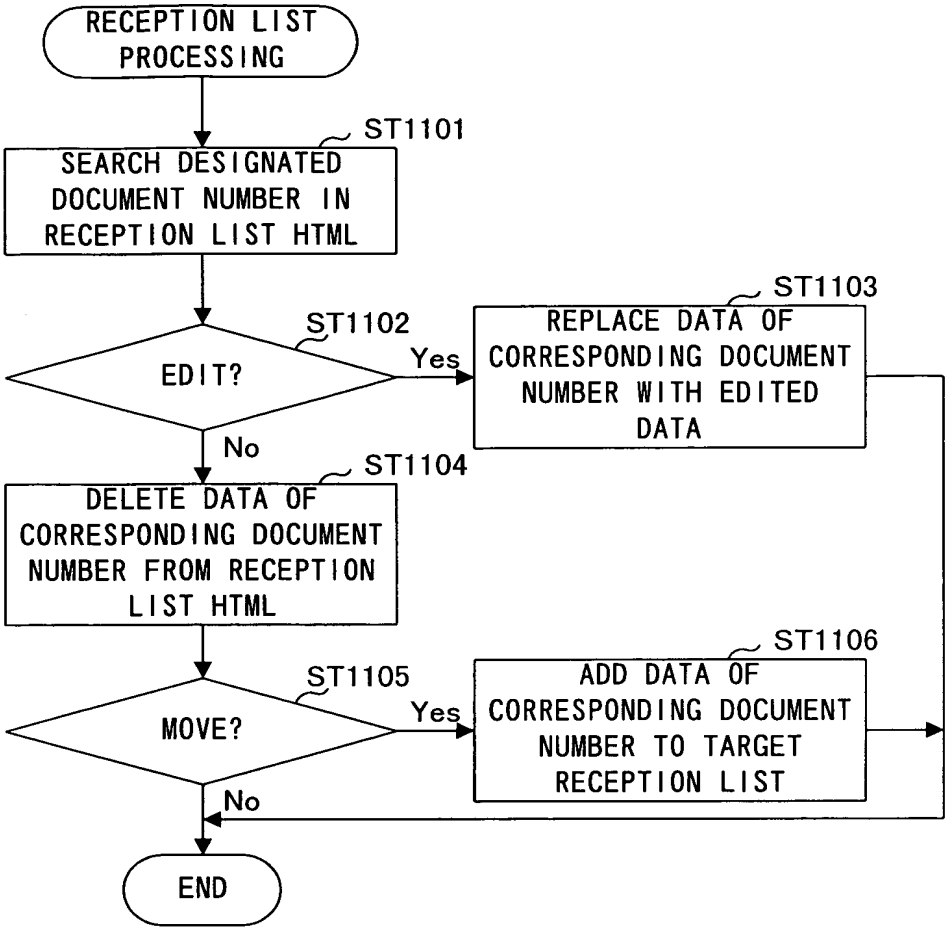

RECEPTION LIST PROCESSING
ST1101
SEARCH DESIGNATED DOCUMENT NUMBER IN RECEPTION LIST HTML
ST1102
EDIT?
Yes
ST1103
REPLACE DATA OF CORRESPONDING DOCUMENT NUMBER WITH EDITED DATA
No
ST1104
DELETE DATA OF CORRESPONDING DOCUMENT NUMBER FROM RECEPTION LIST HTML
ST1105
MOVE?
Yes
ST1106
ADD DATA OF CORRESPONDING DOCUMENT NUMBER TO TARGET RECEPTION LIST
No
END

FIG. 13

HOME

INTERNET RECEIVED DOCUMENT

MENU

SEND

PRINT

DELETE

EDIT

MOVE

SELECT	DOCUMENT NUMBER	REGISTERED DATE	SENDER	TITLE
☐	00243	1998.10.07.20:45:53	ifax@tora.rdmg.mgcs.mei.co.jp	IMAGE from Internet FAX
☐	00240	1998.10.07.20:14:53	ifax@eos5.rdmg.mgcs.mei.co.jp	IMAGE from Internet FAX
☐	00237	1998.10.07.20:08:51	ifax@eos5.rdmg.mgcs.mei.co.jp	IMAGE from Internet FAX
☐	00234	1998.10.07.18:00:04	ifax@usagi.rdmg.mgcs.mei.co.jp	IMAGE from Internet FAX
☐	00233	1998.10.07.17:55:35	ifax@usagi.rdmg.mgcs.mei.co.jp	IMAGE from Internet FAX

FIG. 14

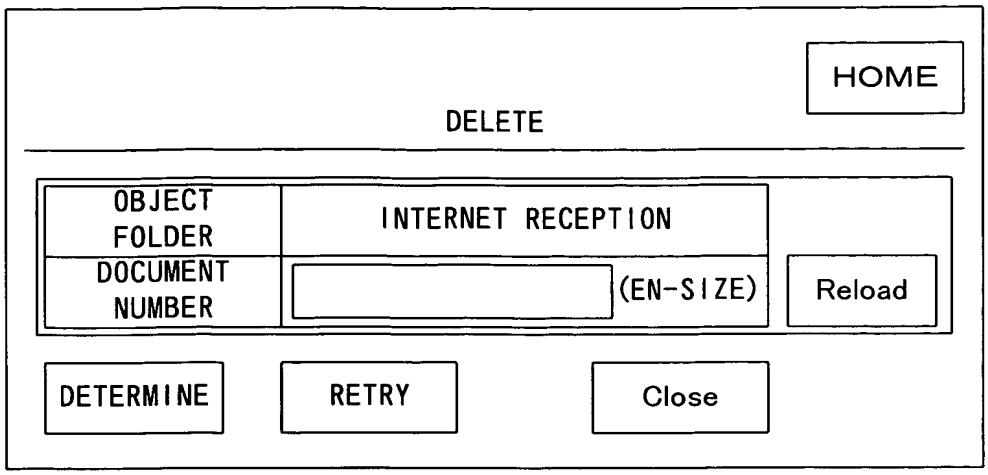

HOME
DELETE
OBJECT FOLDER
INTERNET RECEPTION
DOCUMENT NUMBER
(EN-SIZE)
Reload
DETERMINE
RETRY
Close

FIG. 15

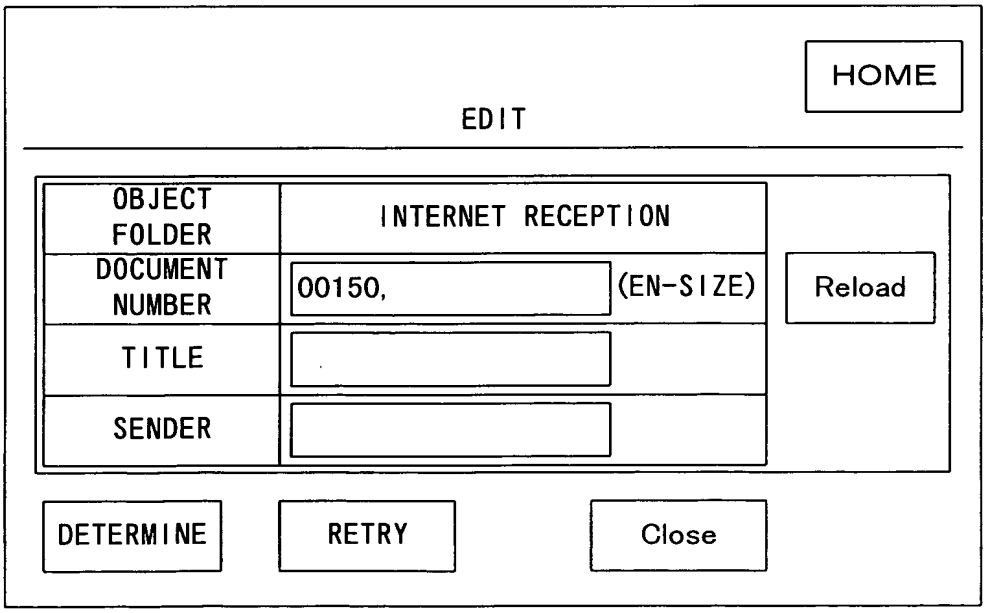

HOME
EDIT
OBJECT FOLDER
INTERNET RECEPTION
DOCUMENT NUMBER
00150,
(EN-SIZE)
Reload
TITLE
SENDER
DETERMINE
RETRY
Close

FIG. 16

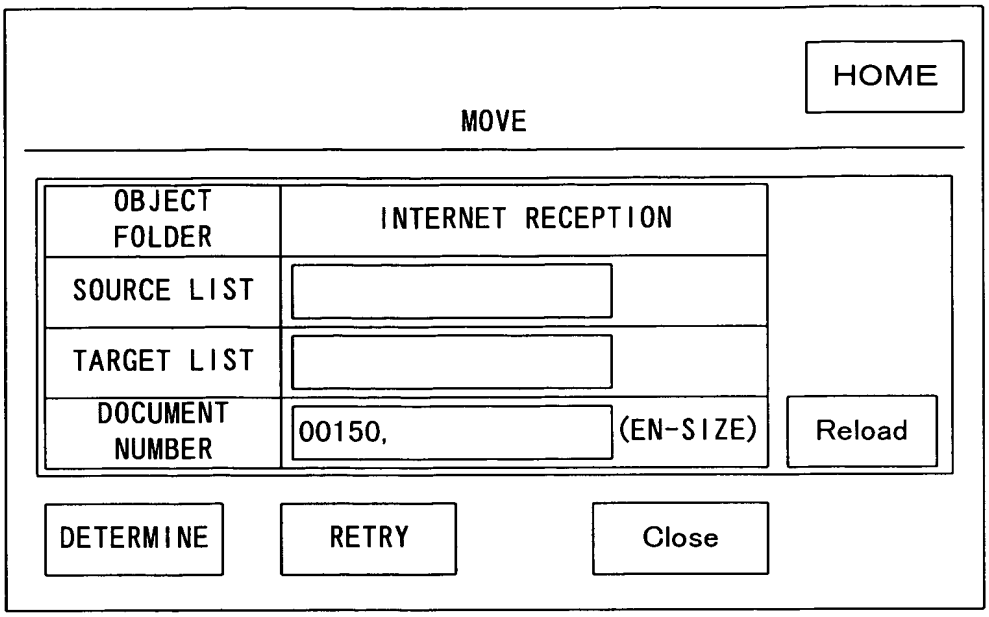

HOME
MOVE
OBJECT FOLDER
INTERNET RECEPTION
SOURCE LIST
TARGET LIST
DOCUMENT NUMBER
00150,
(EN-SIZE)
Reload
DETERMINE
RETRY
Close

FIG. 17

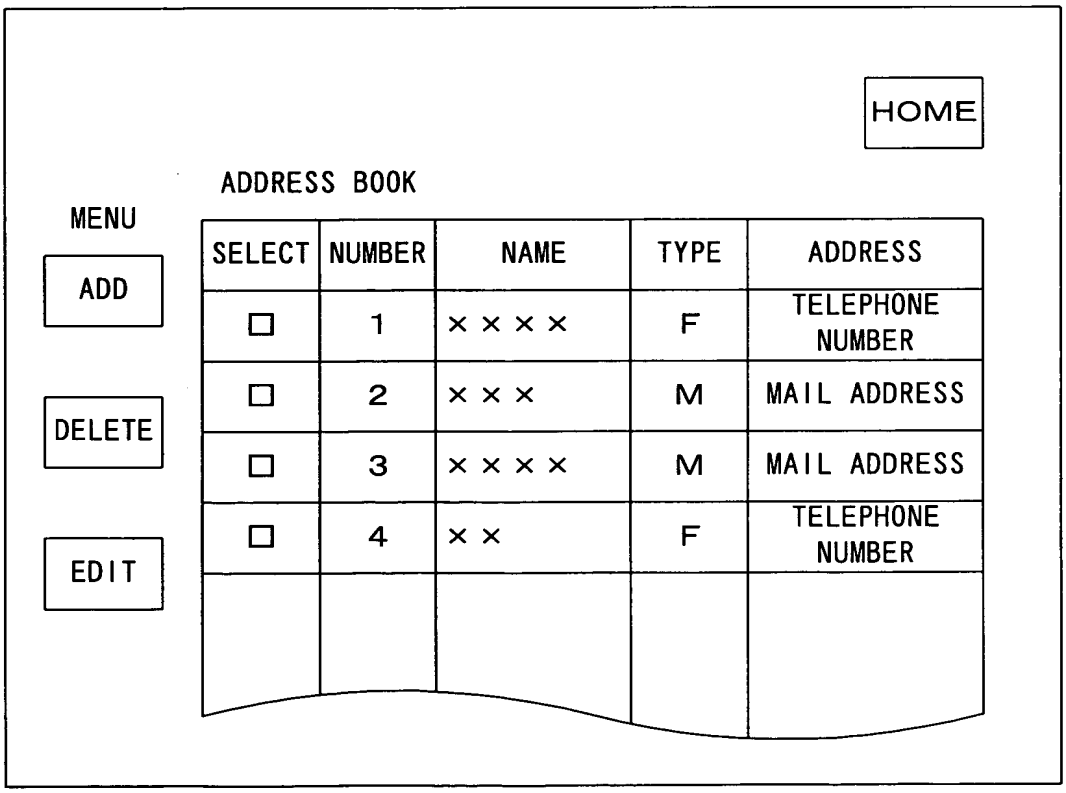

HOME
ADDRESS BOOK
MENU
ADD
DELETE
EDIT
SELECT
NUMBER
NAME
TYPE
ADDRESS
1
××××
F
TELEPHONE NUMBER
2
×××
M
MAIL ADDRESS
3
××××
M
MAIL ADDRESS
4
××
F
TELEPHONE NUMBER

FIG. 18

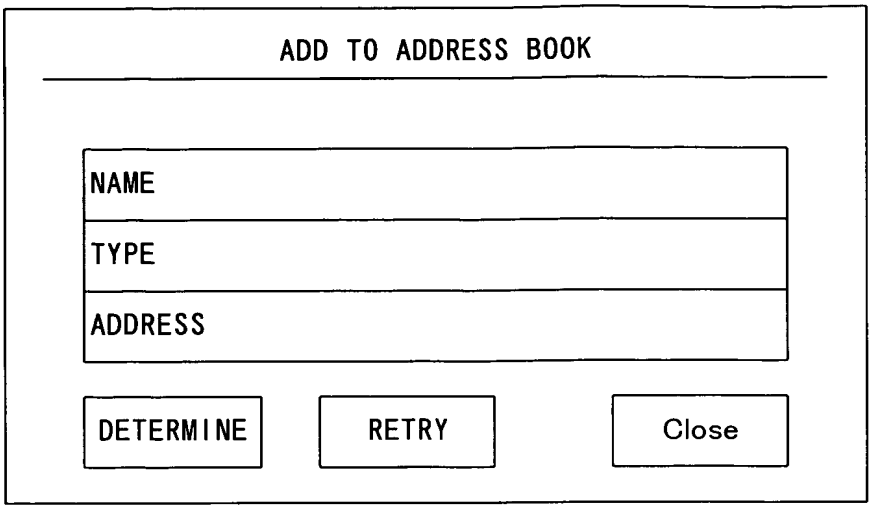

ADD TO ADDRESS BOOK
NAME
TYPE
ADDRESS
DETERMINE
RETRY
Close

FIG. 19

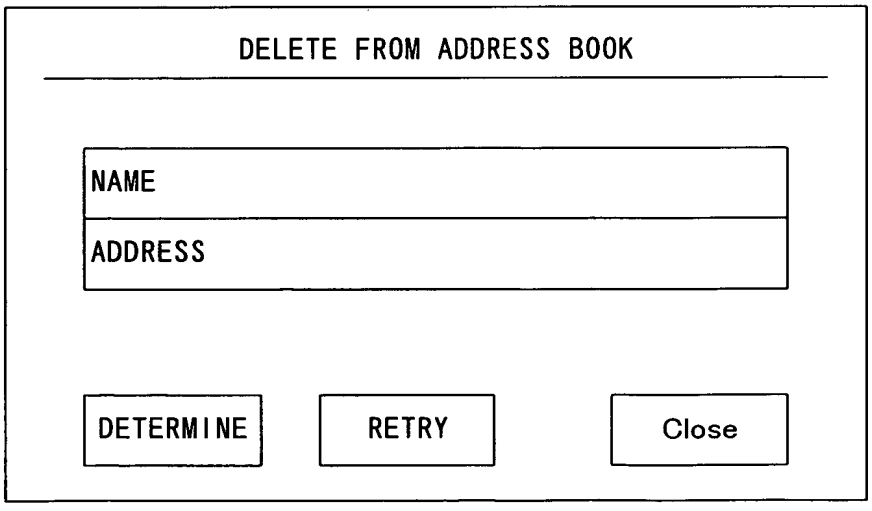

DELETE FROM ADDRESS BOOK
NAME
ADDRESS
DETERMINE
RETRY
Close

FIG. 20

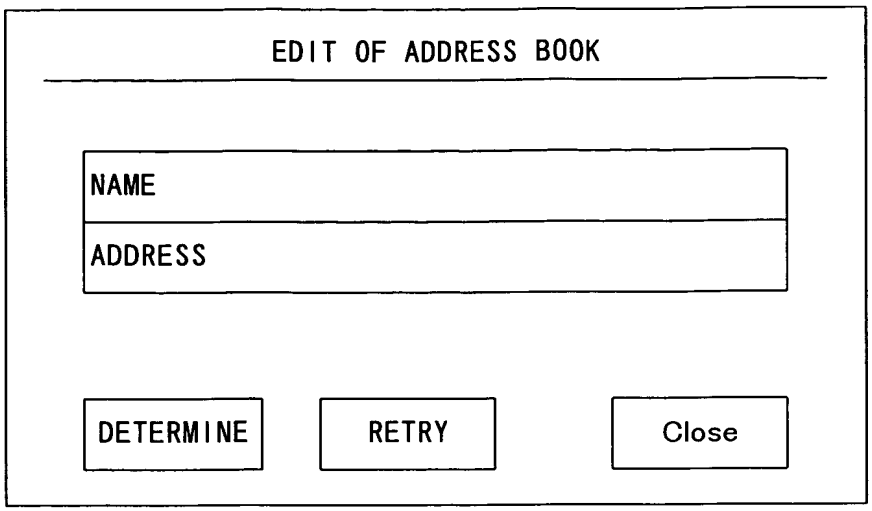


FIG. 21

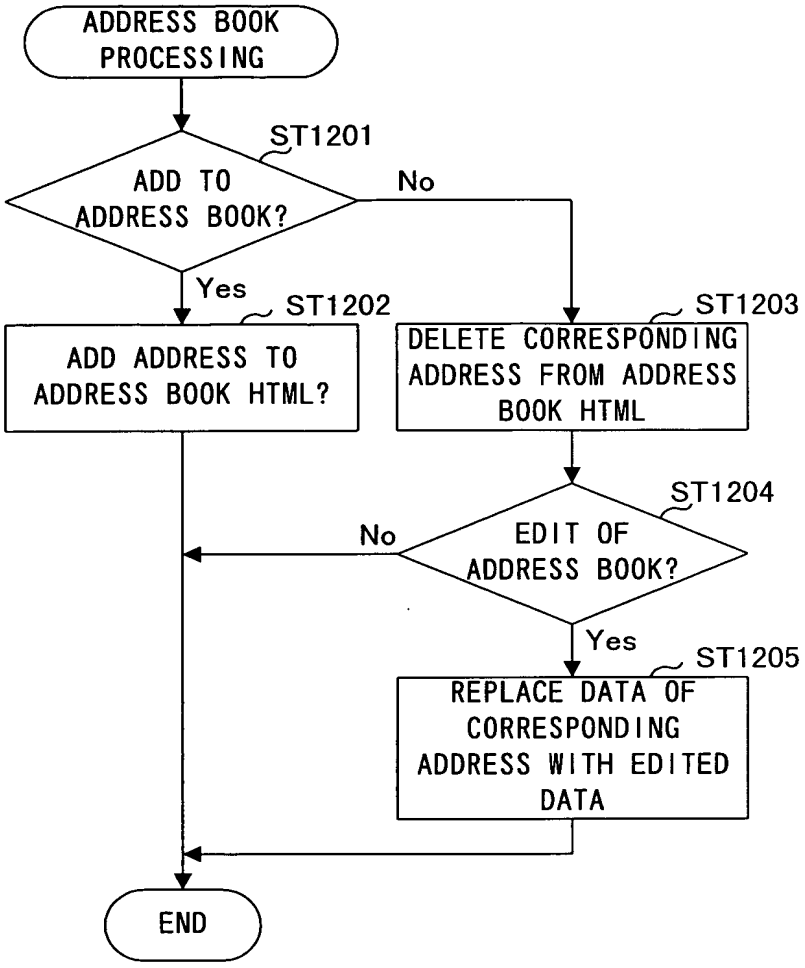

ADDRESS BOOK PROCESSING
ST1201
ADD TO ADDRESS BOOK?
No
Yes
ST1202
ADD ADDRESS TO ADDRESS BOOK HTML?
ST1203
DELETE CORRESPONDING ADDRESS FROM ADDRESS BOOK HTML
ST1204
No
EDIT OF ADDRESS BOOK?
Yes
ST1205
REPLACE DATA OF CORRESPONDING ADDRESS WITH EDITED DATA
END

FIG. 22

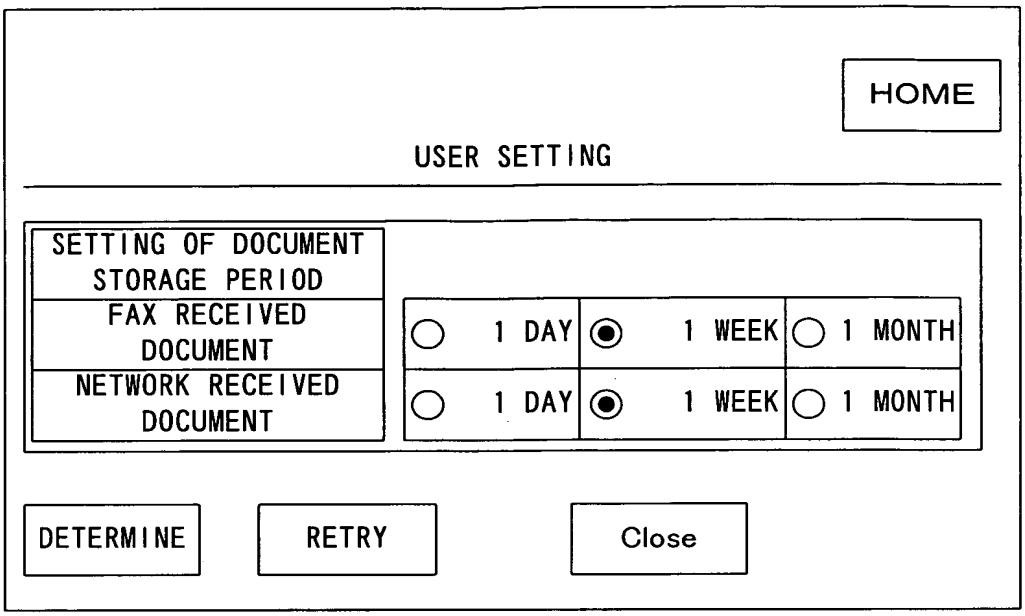

HOME
USER SETTING
SETTING OF DOCUMENT STORAGE PERIOD
FAX RECEIVED DOCUMENT
NETWORK RECEIVED DOCUMENT
1 DAY
1 WEEK
1 MONTH
1 DAY
1 WEEK
1 MONTH
DETERMINE
RETRY
Close

FIG. 23

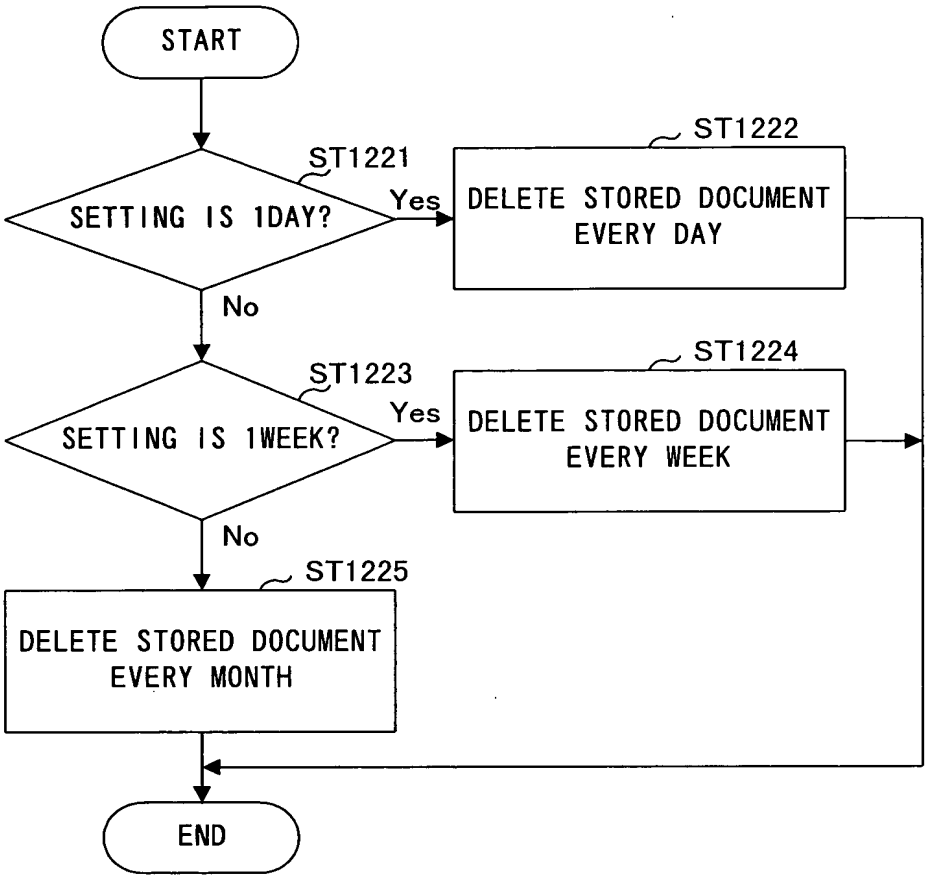

START
ST1221
SETTING IS 1DAY?
Yes
ST1222
DELETE STORED DOCUMENT EVERY DAY
No
ST1223
SETTING IS 1WEEK?
Yes
ST1224
DELETE STORED DOCUMENT EVERY WEEK
No
ST1225
DELETE STORED DOCUMENT EVERY MONTH
END

FIG. 24